TUESDAY, AUGUST 21, 2001 COPPER ALLOY PATENT HARVESTING SESSION

GROUP 1: ROOM C-647 Technical Leader: Connie Wang

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TOPIC: PROCESS	
AMD INVENTION DISCLOSURE TLD ID# G 1 190	Rec'd date
Supremple #42110 return to M868.	Texas x55964 remm to MS362
Project:, Product:, Process:, Technology, to which the invent	
List 2 to 5 key words useful to search by to find patents or art related to this in	vention:
Working title of invention: Hollesian precursor layer to	NO Conser
Working title of invention:	
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Residence address:	
Post Office address:	
List on additional sheet if there are more co-inventors and list total number of in	ventors here:
Name(s) of attorney(s) preferred by inventor(s) to prepare patent application, if h	mown:
LAW FIRM: FOLEY & LARDNER	
ATTORNEYS: Paul Hunter and Joe Zieber	t
Witness 1 initial: Witness 2 initial:	
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TDG-Copper Alby Patent Harvesting Session Group 1 Topic: Process Issues

Teohnical Leader: Pin-Chin Connie Wang Law Firm: Foley & Lardner (Paul Hunter & Joe Zlebert)

PARTICIPANT ADDRESSES
Tuesday, August 21, 2001—ROOMS C-6&7

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AMD INVENTION DISCLOSURE TLD 115#	Rec'd date
dentify known relevant art (patents, publications, products):	san with priet
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with no Silf present	
State the problem solved by this invention: Difficulty of Silling	med layers in
to dielectricis and of formy continuous ba	ringi (inger - (i
Brief description and/or sketch of invention (please attach copies of AMD pate	ent notebook pages, reports or
trawings): Forming continuous barrier/seed layer	of a thinness
decreasing with each technology generation vine	and trendes
of intail the cer metallization, is a and	The sten contrates
OLLAR TO STATE O STATE OF THE S	rest chitrol of
deposition amount.	hun layer (10A-100A)
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Patent notebook # Page numbers Num	nber of drawings
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Advantages (check all that apply):	Т	improves prec	ision	T	simplifies manufacturing					
avoids existing patent(s)	╁┾═	improves accu		T	improves wear characteristic					
new function	╂	improves acco		Ī	improves signal to noise ratio					
improves density	╌┼┾═	fewer compon		Ť						
increases operating speed	╬		f manufacturing	Ť						
improves reliability		J reduces cost o	I Hightige wing	_						
	i-	e over other sol	nitions							
Discussion of advantage of the inv (emphasize technical advance in the	CHITO	n over omer ser	rainst known art):							
(empnasize technical <u>aavance in in</u>	IE CM	do medantes as	,щиот 1220 г							
				_						
First written description* of inven	tion,	date:	First external disc	cle	osure to (name):					
Date of first drawing*:			Date of first exter	П	al disclosure, none					
Date invention first reduced to pra	ctice	:	External disclosu	External disclosure under NDA* No Yes						
Made by (name):			First external disclosure or use by: presentation,							
Tested by (name):			announcement, sample, sale, other							
Date of first computer simulation:			Date of Non-Dis	Date of Non-Disclosure Agreement*, if any:						
Date of first successful test:			Date of first publication*:							
any of above occurred outside of l	USA		Publication name							
* attach come if possible			Date of first com	П	nercial use:					
Does plan exist to publish, disclos	se or	sell? If so, when	re and when?		As a development contract with					
Was invention conceived, constru	cted	or tested pursua	int to the performal	nc	e under a development contract with					
another company: No	، لـــا ،	If yes, comp	any name	_						
If yes, name of AMD business co	ntact	and contract no)	:	de AMD: No 🔲, Yes 🔲.					
Was invention jointly developed		participation of	myentors from our	Ş1	CE AIVID. 140 L.J. 200 L.J.					
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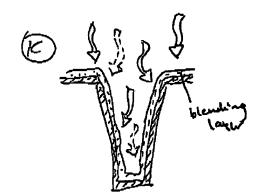
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1st phase-Gas #1 depositing initial



3rd phrop Gas#2 +Gas#3(optional) deposit balk of layor. B

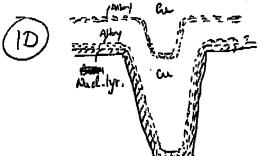
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